

1 What is claimed is:

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3 1. An electric motor comprising a temperature monitoring device, whereby  
4 the device (1) includes at least two temperature sensors (10, 11) with different  
5 temperature characteristics, and the temperature sensors (10, 11) are connected  
6 to terminal clamps (K1, K2, K3) by means of electrical wires.

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8 2. The electric motor as recited in Claim 1,  
9 wherein the temperature sensors (10, 11) have a positive temperature coefficient  
10 and are designed as silicon sensors and/or three-fold bimetallic element switches  
11 and/or single-fold bimetallic element switches and/or as SMN resistors, whereby  
12 the temperature sensors (10, 11) have switching and/or non-switching  
13 characteristics.

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15 3. The electric motor as recited in one of the Claims 1 or 2,  
16 wherein the electric motor (2) includes a first terminal clamp (K1), a second  
17 terminal clamp (K2) and a third terminal clamp (K3), whereby a first temperature  
18 sensor (10) is connected between the first terminal clamp (K1) and the second  
19 terminal clamp (K2), and whereby a second temperature sensor (11) is  
20 connected between the second terminal clamp (K2) and the third terminal clamp  
21 (K3).

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